

ABSTRACT

A system for retrieving information from a document.
The system includes a document model representative of the
document having a plurality of data structures

5 representative of components within the document and a
thumbnail image registered with the document model. The
registration is accomplished by mapping selected coordinates
within the thumbnail image to a data structure selected from
the plurality of data structures. In this manner, a user

10 can interact with the thumbnail image coordinates to
retrieve data from the document as a function of the
components mapped to those coordinates. In a further
embodiment of the invention, the retrieved information may
be streamed to a word-at-a-time display. This is
15 particularly useful when used in connection with the display
of low-resolution images on hand-held devices.